

MODEL BK9100LED MINIBAR



WARNING! These lights utilize high-intensity LEDs. Do not stare directly into the light while it is on, as momentary blindness and/or permanent eye damage may occur.

LED FIVE YEAR LIMITED WARRANTY

Star Safety Technologies warrants this LED light against factory defects in material and workmanship for five years after the date of manufacture. The owner will be responsible for returning to the Service Center any defective item(s) with the transportation costs prepaid. The manufacturer will, without charge, repair or replace at its option, products, or part(s), which its inspection determines to be defective. Repaired or replacement item(s) will be returned to the purchaser with transportation costs prepaid from the service point. A copy of the purchaser's receipt must be returned with the defective item(s) in order to qualify for the warranty coverage. Exclusions from this warranty include, but are not limited to, domes, and/or the finish. This warranty shall not apply to any light, which has been altered, such that in the manufacturer's judgment, the performance or reliability has been affected, or if any damage has resulted from abnormal use or service.

There are no warranties expressed or implied (including any warranty of merchantability or fitness), which extend this warranty period. **The loss of use of the product, loss of time, inconvenience, commercial loss or consequential damages, including costs of any labor, are not covered.** Star reserves the right to change the design of the product without assuming any obligation to modify any product previously manufactured.

This warranty gives you specific legal rights. You might also have additional rights that may vary from state to state. Some states do not allow limitations on how long an implied warranty lasts. Some states do not allow the exclusion or limitation of incidental or consequential damages. Therefore, the above limitation(s) or exclusion(s) may not apply to you.

If a product must be returned for any reason, please contact our Repair Department at (585) 226-9500 Option #3 to obtain a Returned Materials Authorization number (RMA #) before you ship the product back. Please write the RMA # clearly on the package near the mailing label.

Please Note: These instructions are provided as a general guideline only. **Some vehicles may require special mounting, wiring, and/or weather-sealing. This is the sole responsibility of the installer.** Star Safety Technologies assumes no responsibility for the integrity of the installation for this or any of its products.



NOTICE

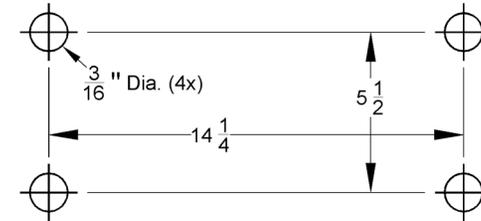
Due to continuous product improvements, we must reserve the right to change any specifications and information, contained in this manual at any time without notice. Star Safety Technologies, Inc. makes no warranty of any kind with regard to this manual, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. Star shall not be liable for errors contained herein or for incidental or consequential damages in connection with the furnishing, performance, or use of this manual.



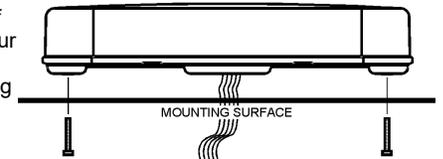
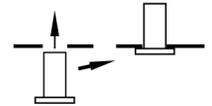
455 Rochester Street Avon, NY 14414
585-226-9500 (F) 888-478-2797
www.StarSafetyTechnologies.com

Permanent Mounting Instructions

- IMPORTANT:** Please read all of the following instructions before installing your new warning light.
- CAUTION:** All of our DC powered warning lights are polarity sensitive. These lights are polarity protected *only if the appropriate fuse* is used. All wires connected to the positive terminal of the battery should be fused at the battery for their rated load. **Testing the light before this fuse is properly installed will void the warranty on the light.**
- Permanent mount lights are mounted using four bolts that screw into molly well nuts in each corner of the minibar. Mark the four mounting holes (and the center wire hole, if you will be needing one). Mark the holes on the corners of a 14-1/2" x 5-1/2" rectangle.



- Check the underside of the marked locations to ensure that you do not damage any wires or other components. Drill a 3/16" hole in the four marked spots for the mounting bolts, and one in the center for your wires (if applicable). **CAUTION: Take care not to drill through the headliner below.**
- If the 4 threaded molly well nuts are not already installed in the base of your bar, install them by pressing one into each of the four holes found on the corners of the base of the light until the lip rests on the bottom surface of the base.
- Route your wires through the center hole (if applicable) and attach the light using the four enclosed bolts. Insert the bolts from below, through the holes you drilled in the mounting surface and screw them into the molly well nuts on the light. Tighten until snug.



Pattern Programming and Synchronization

You can synchronize up to two Constellation minibars and four individual Constellation lights using the BKLD418-2 (sold separately).

- You cannot program the BK9100LED for any alternate patterns. It must be used in the Alternating Quadflash pattern that it is pre-programmed for.
- ALL SYNCHRONIZED LIGHTS MUST BE PROGRAMMED FOR EITHER PATTERN TYPES F, G, H, or I.** These are the only Pattern Types with compatible periods.
- Lights with the SAME phase flash together (simultaneous).
- Lights with DIFFERENT phases flash opposite one another (alternate).

- After mounting and wiring the BKLD418-2 controller, connect your BK9100LED to it using the BKSWH-357-18 extension cables (sold separately).
- Program all of your other lights, ensuring you select **Pattern Type F, G H, or I.**

